

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:

Christopher J. Diorio et al.

SERIAL NO.:

10/681,577

FILING DATE:

September 7, 2003

TITLE:

Use of Analog-Valued Floating-Gate Transistors to Match the Electrical

Characteristics of Interleaved and Pipelined Circuits

EXAMINER:

Unassigned

ART UNIT:

2816

#### **CERTIFICATE OF MAILING**

I hereby certify that this paper is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop: Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date printed below:

9/2/04

Name:

Beatrice Orozco

MAIL STOP: AMENDMENT COMMISSIONER FOR PATENTS P.O. Box 1450 ALEXANDRIA, VA 22313-1450

### INFORMATION DISCLOSURE STATEMENT

Each item of information listed in the attached FORM PTO-1449, for which a copy of each is attached (unless the blanket waiver referred to below applies), may be material to the examination of the above-identified application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR §§ 1.56, 1.97 and 1.98. The Examiner is requested to review, consider and document each such item in the official record of this application.

Note: If this box is checked, this case was filed after June 30, 2003 and qualifies for the blanket waiver of deposit of copies of U.S. Patents and U.S. Patent Application

Publications in accordance with the written waiver of 37 CFR §1.98 (a)(2)(i) dated July

11, 2003. Accordingly, such copies are not attached.

This Information Disclosure Statement under 37 CFR §§ 1.56, 1.97 and 1.98 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these items constitutes prior art.

I

This statement is filed pursuant to (CHECK ONE BOX):

# 37 C.F.R. § 1.97(b).

This information disclosure statement is filed either:

- (1) within three months of the filing date of a national application other than a continued prosecution application under §1.53(d);
- (2) within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application;
  - (3) before the mailing date of a first office action on the merits; or
- (4) before the mailing of a first office action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114, whichever event occurs last.

Accordingly, this information disclosure statement requires no fee and no certification.

# 37 C.F.R. § 1.97(c).

This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97(b), but before the mailing date of any of the following:

- (1) a final action under 37 C.F.R. § 1.113;
- (2) a notice of allowance under 37 C.F.R. § 1.311; or
- (3) an action that otherwise closes prosecution in the application.

#### Accordingly, this information disclosure statement requires either:

- (1) the fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c); or
  - (2) a certification according to 37 C.F.R. § 1.97 (e)(1) or (2).

#### 37 C.F.R. § 1.97(d).

This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97 (c).

Accordingly, this information disclosure statement requires:

(1) a certification in accordance with 37 C.F.R. § 1.97(e); and

(2) the fee specified in 37 C.F.R. § 1.17 (p) to consider an information disclosure statement under 37 C.F.R. § 1.97(d).

If this statement crosses in the mail with an office action, or is otherwise not in the indicated category of 37 C.F.R. § 1.97, it is respectfully requested that this statement be treated in the next appropriate category and made of record. To the extent required, please treat this paper as a conditional petition for acceptance of the information disclosure statement.

	II								
Fees Due (CHECK ONE BOX):									
$\boxtimes$	No fee is due.								
	The fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c) or 37 C.F.R. § 1.97(d) is enclosed (\$180).								
	III								
Certification	(CHECK ONE BOX):								
$\boxtimes$	No certification is necessary.								
	Pursuant to 37 C.F.R. § 1.97(e)(1), the undersigned hereby certifies:  That each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.								
	Pursuant to 37 C.F.R. § 1.97(e)(2), the undersigned hereby certifies:  No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this information disclosure statement.								

IV

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Please charge any additional required fee or credit any overpayment to our deposit account number 50-1698.

Dated: September 2004

Respectfully submitted,
THELEN REID & PRIEST LLP

David B. Ritchie Reg. No. 31,562

THELEN REID & PRIEST LLP P.O. Box 640640 San Jose, CA 95164-0640 (408) 292-5800 direct dial (408) 287-8040 direct fax

Form PTO 1449 (Rev. 2-32) U.S. Department of Commerce Patent and Trademark Office					IMPJ-0		10/681	Serial No.: 10/681,577		
	Total	numation Disalogue	Statement hu	Annlicant	Applica	nt: Christ	opher J. Diorio	et al.		
(Use several sheets if necessary)					Filed: September 7, 2003 Group: 2816					
				U.S. Patent Doc	umonte					
Init.		Document No.	Date	Name	uments	Class	Subclass	Filin	Filing Date	
	A	2001/0020861	9/13/2001	Hirose				3/6/2	2001	
	В	2001/0054920	12/27/2001	Tsujino				12/2	2/2000	
	С	5,952,891	9/14/1999	Boudry				6/13/	/1997	
								-		
				<u> </u>					<del></del>	
								_		
				<u> </u>			<u> </u>			
				Foreign Docur	nents					
7 '.	<u>-</u>		TD:4-			Class	Cubalage	Yes	ranslation No	
Init.		Document No.	Date	Country		Class	Subclass	res	No	
<del></del>									<u> </u>	
				·						
				uding Author, Ti						
	D	Low et al., "Basic Systems, August 8	3-11, 2000, pp. 1	048-1051.					uits and	
	Е	International Sear	ch Report for app	plication PCT/US	03/31792, dat	e mailed A	ugust 12, 2004			
								•		
	-			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
Exami	ner			<u> </u>		Date Co	nsidered	<del></del>		
Examiner										
		tial if citation considerance and not considerance							itation if	

PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	• • •	Application Number	10/681,577						
TRANSMITT	AL	Filing Date	September 7, 2003						
FORM		First Named Inventor	Christopher J. Diorio						
(to be used for all correspondence	after initial filing)	Art Unit	2816						
		Examiner Name	Unassigned						
Total Number of Pages in This Sub	mission 6	Attorney Docket Number	IMPJ-0004						
ENCLOSURES (check all that apply)									
Fee Transmittal Form	☐ Drawin	g(s)	After Allowance Communication to Group						
Fee Attached	Licensi	ng-related Papers	Appeal Communication to Board of Appeals and Interferences						
Amendment / Reply	Petition	ו	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)						
After Final		n to Convert to a onal Application	Proprietary Information						
Affidavits/declaration(s)		of Attorney, Revocation e of Correspondence Address	Status Letter						
Extension of Time Request	Termin	al Disclaimer	Other Enclosure(s) (please identify below):						
Express Abandonment Reque	st	st for Refund umber of CD(s)							
Information Disclosure Statem	ent								
Certified Copy of Priority Document(s)	Rema	rks ·							
Response to Missing Parts/ Incomplete Application									
Response to Missing Parts under 37 CFR 1.52 or 1.53									
	SIGNATURE OF	APPLICANT, ATTORNEY, O	R AGENT						
	Firm or David B. Ritchie, Reg. No. 31,562								
Signature	Individual name Signature								
Date 9-2-2004									
CERTIFICATE OF TRANSMISSION/MAILING									
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.									
Typed or printed name Beatrice Orozco									
Signature Date 92.04									

This collection of information is required by 37 CFR 1.3. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.